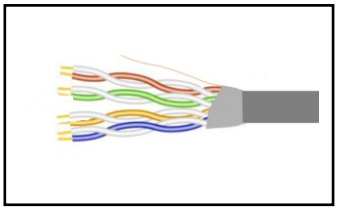
CE

DECLARATION OF CONFORMITY UE

KL/02/2019

1.Product:

product group: **LAN CABLES**
brand : **CONOTECH**
model: **F/UTP LAN cat.5e 305m**



2. Manufacturer:

NOVISAT Limited Liability Company
Zaporoska 37B street
53519 Wroclaw, Poland

3. This declaration of conformity is issued under the sole responsibility of the manufacturer.

4. Item of the declaration: Endless LAN cable. Copper wires (CU), four asymmetrically twisted pairs: 0.51 ± 0.02 mm; wire insulation (PE); aluminium screen (AL); steel/copper-plated ground (FeCu) 0,50mm; outer shell PVC gray color; outer diameter 6.0 ± 0.02mm; operating temperature -20°C ÷ +70°C; laying temperature 0°C ÷ +70°C; minimum bending radius [x cable diameter] >8; conductor resistance [Ω/km]: ≤ 150; Conductor resistance asymmetry [%]: ≤ 3,0; Effective capacity [nF/km]: 50 ± 3; Capacitance asymmetry [pF/km]: ≤ 1600; Conductor insulation resistance [Ω/km] : ≥ 150; Insulation resistance to test voltage (DC, 1min.) [V/AC]: 1000; Effective attenuation by f=125 MHz [dB] : ≤ 24,9; Near-pass loss (NEXT) by f=125 MHz [dB]: ≥ 34,0; Total Near-pass loss (PS NEXT) przy f=125 MH [dB]: ≥ 31,0; Return loss (RL) by f=125 MHz [dB]: ≥ 19,4

5. The item of this declaration complies with the relevant requirements of the European harmonization legislation.

2011/65/EU	Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.
2015/863	Commission Delegated Directive (EU) 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances.

6. References to the used and relevant harmonized standards or to the other technical specifications in relation to which conformity is declared:

EN 50575:2014	Power, control and communication cables. Cables for general applications in construction works subject to reaction to fire requirements.
PN-EN 50 575:2015-03+A 1:2016-11	Power, control and communication cables. Cables for general applications in construction works subject to reaction to fire requirements.
EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.
PN-EN 50581:2013-03	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.
PN-EN IEC 63000:2019-01	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.
PN-EN 50173-1:2018-07	Information technology - Structured cabling systems - Part 1: General requirements
PN-EN 50289-1-2:2007	Telecommunications cables – test methods – Part 1-2: Methods of testing electrical properties – DC resistance.
PN-EN 50289-1-3:2007	Telecommunications cables – test methods – Part 1-3: Methods of testing electrical properties – electric endurance.
PN-EN 50289-1-4:2007	Telecommunications cables – test methods – Part 1-4: Methods of testing electrical properties – Insulation resistance.
PN-EN 50289-1-5:2008	Telecommunications cables – test methods – Part 1-5: Methods of testing electrical properties – Capacity.
PN-EN 50289-1-8:2010	Telecommunications cables – test methods – Part 1-8: Methods of testing electrical properties – Attenuation.
PN-EN 50289-1-10:2002	Telecommunications cables – test methods – Part 1-10: Methods of testing electrical properties – Perspicacity.
PN-EN 50289-1-11:2002	Telecommunications cables – test methods – Part 1-11: Methods of testing electrical properties – Wave impedance, Input impedance, return loss.

This declaration of conformity is the basis for marking the product with the CE mark.

Signed on behalf of the manufacturer:

Wroclaw, 18 June 2019
(place and date of issued)

Company representative:
Filip Grzybała
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Chairman of the Board
(signature)

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